

Travis, Sharon

From: Gnitro, Todd  
Sent: Wednesday, December 17, 2014 2:45 AM  
To: Travis, Sharon  
Subject: FW: GE Aviation, Evendale, OH Quarterly Progress Report  
Attachments: 2014 Third Quarter Progress Report 10-10-14.pdf

For the 2015-012258 FOIA

From: Rick Boone [mailto:Rick.B Boone@blue.com]  
Sent: Monday, October 13, 2014 9:11 AM  
To: Gnitro, Todd  
Cc: Kolodick, Edward [GE Corporate]; Joanne [GE Aviation US] Reinhold [joanne.reinhold@ge.com]; Scott Cormier [scott.cormier@ge.com]; GE Aviation, Evendale, OH Quarterly Progress Report

Todd - attached is the third quarter 2014 progress report for the GE Aviation facility in Evendale, OH (OHD 00081732).

Please let us know if you have any questions or comments.  
Rick



Richard L. Boone, CPG, CHMM  
MANAGING SCIENTIST

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Edward Kolodziej  
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October 10, 2014

Todd Gmitro  
Executive Active Project Manager  
Remediation and Review Branch - U.S. EPA Region 5  
77 W. Jackson Blvd. (LU-5)  
Chicago, IL 60604  
Re: General Electric Company, Evendale, Ohio  
CWD 000 817 312  
Progress Report.

Dear Mr. Gmitro:

Please find attached the Third Quarter 2014 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Ed Kolodziej  
Senior Project Manager - Environmental Remediation  
cc: Chief Mike Hauck, Evendale Fire Department  
Tim Hall, OEPK  
Ralph Mertz, BLSTR (Incident Number: 31001060)  
John Wolfe, United States Air Force  
Kent Scott-Smyth, United States Air Force  
Assume Received, GE

**Description of Work Completed in Third Quarter 2014:**

- Performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the third quarter 2014 were:
- | Well ID | Unit       | 3Q 2014 Average Pumping Rate (gpm) |
|---------|------------|------------------------------------|
| EW-2P   | Perched    | 47                                 |
| EW-4P   | Perched    | 44                                 |
| EW-5P   | Perched    | 3 (78 gpm since pump install)      |
| EW-6P   | Perched    | 49                                 |
| EW-7S   | USG        | 10                                 |
| EW-30   | L5G        | 49                                 |
| EW-8D   | L5G        | 49                                 |
|         | Total Ave. | = 251.80 gpm                       |
- Continued cyclical pumping at EW-7S. The pumping rate for EW-7S continued to be cycled at an average on-off rate of 10 gpm due to low yield. GE continues to monitor pumping at the current rate and evaluate the potential benefits of an alternate pumping approach.
  - Replaced and re-started the pump in extraction well EW-5P on September 15, 2014. Since replacement, EW-5P has operated at an average pumping rate of 28 gpm.
  - The pump in extraction well EW-2P shut down on September 17, 2014 and is currently undergoing trouble shooting and evaluation of a faulty driver.
  - Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 2<sup>nd</sup> quarter 1st semiannual groundwater sampling report for 2014 to USEPA on September 15, 2014.
  - Conducted IBM groundwater level monitoring and transducer download on July 7, 2014 to complete IBM hydraulic modeling for 2<sup>nd</sup> quarter 2014.
  - Conducted groundwater sampling for natural attenuation parameters during the weeks of July 7<sup>th</sup> and 14<sup>th</sup>, 2014.
  - Conducted annual area-wide groundwater level monitoring and well inspections during the week of July 21<sup>st</sup>, 2014.
  - Conducted the 3<sup>rd</sup> quarter 2014 IBM groundwater sampling during the week of September 8, 2014.
  - Conducted a tour of the IBM treatment system on September 9, 2014 between GE and USAF to assist USAF in formulating opinions on the type of air stripper to install for a USAF project.
  - Continued operating the IBM groundwater treatment plant, including scheduled and unscheduled maintenance activities, periodic compliance sampling and analyses, and reporting of key operational parameters. Operational run-time for the treatment plant was 98% for the quarter.
  - Conducted 3<sup>rd</sup> quarter soil vapor sampling from ten of the eleven shallow sampling locations on September 24, 2014. The vapor point not sampled had water in the tunnel (due to saturated conditions at the vapor sample point) and is planned to be sampled 4<sup>th</sup> quarter.

- Environmental Indicator C4.750 [Groundwater Migration Under Control] - further review is being performed by USEPA Region 5 management. Received a request from USEPA to provide additional groundwater data maps associated with the H1. GE continues to work on the additional maps and plans to submit to USEPA in 4th quarter.
- Removed the former Blize 200 (mud-strip) air stripper IBM system during demolition of an adjacent building. The recovery well associated with this unit will be abandoned during 4th quarter as discussed below.

- Planning to decommission and remove the former pump and treat packed-tower air stripper system and to abandon the former recovery well on the southern portion of the GE property (former AEP26) as the 4th quarter of 2014. GE is also planning to properly abandon the recovery wells associated with two other abandoned IBM systems in the 4th quarter of 2014. GE will notify USEPA via email prior to system removal/well abandonment.
- GE performed additional assessment associated with the in-place closure of an underground storage tank (UST) under Ohio's USTTR program. Following the assessment, a Tier 1 investigation report was submitted to Ohio BUSEP on August 21, 2014 requesting closure and no further action associated with this UST.

*Summary of All Findings:*

- None

*Comments with the Public:*

- None

*Problems or Potential Problems Encountered:*

- None

*Actions Taken to Rectify Problems:*

- None

*Changes in Personnel During Reporting Period:*

- None

*Projected Work for Fourth Quarter 2014:*

- Continue pumping in the three seep filter zones (Perched, USG and LSG) and project monitoring of aquifer conditions as outlined in the PAP. Conduct IBM water level monitoring and transducer download in early October 2014.
- Begin preparation of the 3rd quarter IBM groundwater monitoring report.
- Complete 4th quarter / 2nd annualized groundwater monitoring in late November-early December 2014.
- Implement AFP 36 system decommissioning and recovery well abandonment.
- Conduct recovery well abandonment for 3 former IBM system wells (Hldg 800 and North End).
- Continue operating the IBM groundwater treatment plant, including scheduled maintenance activities; permit compliance sampling and analysis, and reporting of key operating parameters.
- Repair the drive for the extraction well pump in EWS-2P.

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Aviation - Evendale, OH  
OHQ 000 817 312

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- Collect shallow soil vapor samples from the eleven sampling locations for the 4<sup>th</sup> quarter vapor sampling event in December 2014.
- Coordinate and conduct a site visit with USEPA.
- Conduct a semi-annual technical meeting between GE and USAF.

*Copies of Daily Reports and Laboratory/Monitoring Data:*

None